



MARTINAL[®] ON-313 S

Aluminum Hydroxide

Einsatzbeispiele / Applications

Das MARTINAL ON-313 S wird insbesondere als Flammschutzmittel und Füllstoff in Duroplaste und Polymerdispersionen eingesetzt.

The MARTINAL grade ON-313 S is mainly used as flame retardant and filler in thermoset resins and polymer dispersions.

Durchschnittsanalyse / Typical analysis

Al(OH) ₃ -Gehalt /-content	[%]	≈ 99.6
Feuchte / Moisture (105 °C)	[%]	≤ 0.25
Glühverlust / Loss on Ignition (1200 °C)	[%]	≈ 34.5
Na ₂ O löslich / soluble	[%]	≤ 0.04
Teilchengröße (Laserbeugung, Cilas) / Particle Size (Laser scattering, Cilas)		
	d ₁₀ [µm]	2.0 – 4.0
	d ₅₀ [µm]	11 – 15
	d ₉₀ [µm]	20 – 30
Brechungsindex / Refractive index	[%]	1.58
Elektrische Leitfähigkeit / Electrical conductivity (10 % in H ₂ O)	[µS/cm]	≤ 130
Weißgrad / Whiteness (Elrepho 457 nm)	[%]	≥ 89
Ölaufnahme / Oil absorption	[cm ³ /100g]	20 – 30
Dichte / Density	[g/cm ³]	2.4
Schüttdichte / Bulk Density	[kg/m ³]	≈ 650

Shipping Information

Packaging and minimum order quantity information is available from sales or customer service.

Safety and Handling Information

For specific safety, toxicity and handling information, please refer to the material safety data sheet on this product.

Chemical Registration Numbers

Chem. Bezeichnung / Chem. name: Aluminum Hydroxide
Formel / formula: Al(OH)_3
CAS No.: 21645-51-2
EC/EINECS No.: 244-492-7

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